

OPINION 576

DESIGNATION UNDER THE PLENARY POWERS OF A TYPE-SPECIES FOR *DACTYLIOCERAS* HYATT, 1867 (CLASS CEPHALOPODA, ORDER AMMONOIDEA)

RULING.—(1) Under the plenary powers, (a) all selections of type-species for the nominal genus *Dactylioceras* Hyatt, 1867, are hereby set aside, and (b) the nominal species *Ammonites communis* J. Sowerby, 1815, is hereby designated type-species of that genus.

(2) The generic name *Dactylioceras* Hyatt, 1867 (gender: neuter), type-species, by designation under the plenary powers in (1)(b) above, *Ammonites communis* J. Sowerby, 1815, is hereby placed on the Official List of Generic Names in Zoology, with the Name No. 1384.

(3) The specific name *communis* J. Sowerby, 1815, as published in the binomen *Ammonites communis* (type-species of *Dactylioceras* Hyatt, 1867) is hereby placed on the Official List of Specific Names in Zoology with the Name No. 1691.

(4) The following generic names are placed on the Official Index of Rejected and Invalid Generic Names in Zoology with the Name Numbers specified:

(a) *Koinodactylites* S. S. Buckman, 1927 (a junior objective synonym of *Dactylioceras* Hyatt, 1867) (Name No. 1302).

(b) *Dactyloceras* Fischer, 1879 (an erroneous subsequent spelling of *Dactylioceras* Hyatt, 1867) (Name No. 1303).

(5) The family-group name DACTYLIOCERATIDAE (correction of DACTYLOIDAE) Hyatt, 1867 (type-genus *Dactylioceras* Hyatt, 1867), is hereby placed on the Official List of Family-Group Names in Zoology with the Name No. 282.

(6) The family-group name DACTYLOIDAE Hyatt, 1867 (type-genus *Dactyloceras* Hyatt, 1867) (an incorrect original spelling for DACTYLIOCERATIDAE) is placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology with the Name No. 318.

HISTORY OF THE CASE. (Z.N.(S.) 956)

On 18 May 1955, Mr. P. C. Sylvester-Bradley applied for the use of the plenary powers to designate a type-species in harmony with accustomed usage for the nominal genus *Dactylioceras* Hyatt, 1867. It was found that the application overlapped to some extent a simultaneous application from the late Dr. W. J. Arkell relating to certain family-group names in Ammonoidea (see Opinion 575), but after co-ordinating the two cases, and after the delay caused to Dr. Arkell's application by his illness, Mr. Sylvester-Bradley's paper was sent to the printer on 28 January 1958 and was published on 6 June 1958 in *Bull. zool. Nomencl.* 16 : 67-70.

Support was received from the late Dr. W. J. Arkell, the late Dr. L. F. Spath, and Dr. D. T. Donovan (all published in *Bull. zool. Nomencl.* 16 : 80),

from Mr. R. V. Melville (Geological Survey & Museum, London) and Professor Alan Wood (University College of Wales, Aberystwyth). No objection was received from any source.

DECISION OF THE COMMISSION

On 12 March 1959, the Members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (59)4 either for or against the proposals set out in *Bull. zool. Nomencl.* 16 : 69-70. At the close of the Voting Period on 12 June 1959 the state of the voting was as follows :

Affirmative Votes—twenty-four (24), received in the following order : Lemche, Holthuis, Hemming, Vokes, Prantl, Hering, Boschma, Bonnet, do Amaral, Mertens, Dymond, Mayr, Bodenheimer, Jaczewski, Riley, Obruchev, Key, Stoll, Brinck, Bradley, Kühnelt, Cabrera, Tortonese, Poll.

Negative Votes—none (0).

Votes not returned—three (3) : Hankó, Miller, Uchida (late affirmative votes were received from Commissioners Miller and Uchida).

ORIGINAL REFERENCES

The following are the original references for names placed on Official Lists and Indexes by the Ruling given in the present Opinion :

communis, *Ammonites*, J. Sowerby, 1815, *Min. Conch.* 2 : 10

Dactylioceras Hyatt, 1867, *Bull. Mus. comp. Zool.* Harvard 1(5) : 95

DACTYLIOCERATIDAE (correction of DACTYLOIDAE) Hyatt, 1867, *Bull. Mus. comp. Zool.* Harvard 1(5) : 87, 94

Dactyloceras Fischer, 1879, *J. Conchyliol.* 27 : 254

DACTYLOIDAE Hyatt, 1867 (an incorrect original spelling for DACTYLIOCERATIDAE)

Koinodactylites S. S. Buckman, 1927, *Type Ammonites* 6(62) : 43

CERTIFICATE

WE certify that the votes cast on Voting Paper (59)4 were cast as set out above, that the proposals set out in the Voting Paper have been duly adopted under the plenary powers, and that the decision so taken, being the decision of the International Commission, is truly recorded in the present Opinion No. 576.

N. D. RILEY
Secretary

RICHARD V. MELVILLE
Assistant Secretary

International Commission on Zoological Nomenclature
London
1 July 1959